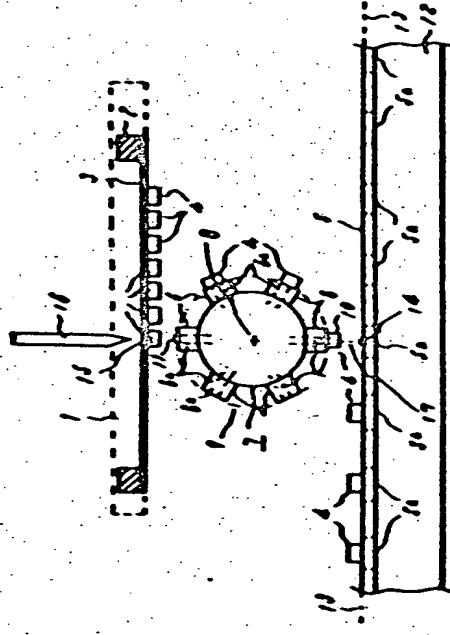


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(54) DIE BONDING DEVICE**(11)** 62-26833 (A) **(43)** 4.2.1987 **(19)** JP**(21)** Appl. No. 60-166505 **(22)** 26.7.1985**(71)** MITSUBISHI ELECTRIC CORP **(72)** MAKOTO SHIMANUKI**(51)** Int. Cl. H01L21/58

PURPOSE: To accelerate the shifting speed of a pellet between two positions by a method wherein a shifting part is subjected to restricted operation wherein arresters are forced to circulate around two specified points, i.e., a receiving point and a transfer point.

CONSTITUTION: One of pellets 4 in a loader 1 is selected to be positioned in a position 15 and then the pellet 4 is pushed down by a projecting needle 16 to a receiving position 11 where mounting space in one of empty arresters 6 reaches, the pellet is further shifted to another position 10 by a shifting part 7 attracted to the arresters 6 turning 180° around an axle 8. A carrier 12 fixed to a die part 5a of a lead frame 5, when shifted above paper surface, is forwarded together with the lead frames 5 along a track 13 opened after the carrier 12 is shifted below the paper surface to be externally picked up. Through these procedures, the shifting speed of pellet can be accelerated making positioning needless by detecting a pattern with remaining pellets subject to restricted operation.

**LEGENDE**

zu den Bibliographiedaten

(54) Titel der Patentanmeldung**(11)** Nummer der JP-A2 Veröffentlichung**(21)** Aktenzeichen der JP-Anmeldung**(43)** Veröffentlichungstag**(22)** Anmeldetag in Japan**(71)** Anmelder **(72)** Erfinder**(52)** Japanische Patentklassifikation**(51)** Internationale Patentklassifikation**BEST AVAILABLE COPY**